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BOX PCT

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Sub Spec N/E

IN THE UNITED STATES ELECTED/DESIGNATED OFFICE
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UNDER THE PATENT COOPERATION TREATY-CHAPTER II

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PRELIMINARY AMENDMENT

APPLICANTS: Andreas Jurisch et al. DOCKET NO.: 112740-353
SERIAL NO: GROUP ART UNIT:
FILED: EXAMINER:
INTERNATIONAL APPLICATION NO.: PCT/DE00/02434
INTERNATIONAL FILING DATE 19 July 2000

INVENTION: METHOD FOR DETERMINING THE AMPLITUDE AND
PHASE ANGLE OF A MEASURING SIGNAL
CORRESPONDING TO A CURRENT OR VOLTAGE OF
AN ELECTRICAL POWER SUPPLY NETWORK

Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified International Application before entry into the
National stage before the U.S. Patent and Trademark Office under 35 U.S.C. §371 as follows:

15 **In the Specification:**

Please replace the Specification of the present application, including the Abstract,
with the following Substitute Specification:

SPECIFICATION

TITLE OF THE INVENTION

20 **METHOD FOR DETERMINING THE AMPLITUDE AND PHASE ANGLE OF A
MEASURING SIGNAL CORRESPONDING TO A CURRENT OR VOLTAGE OF AN
ELECTRICAL POWER SUPPLY NETWORK**

BACKGROUND OF THE INVENTION

25 The present invention relates to a method for determining the amplitude and phase
angle of a measuring signal corresponding to a current or a voltage on an electrical power
supply network by using sampled values of the measuring signal, a model of the measuring